

VARGA, Laszlo (Jr)

Performance figures of present-day aircrafts. Jarmu mezo
gep 4 no.6:283-291 D '57.

VARGA, Laszlo,

"Advances in aeronautics" by W.H.Stephens. Reviewed by Laszlo Varga. Jarmu mezo gep 5 no.1:8 Mr '58.

"Buckling at high temperature" by N.J.Hoff. Reviewed by Laszlo Varga. 8

"Air conditioning in aircraft" by E.W.Still. Reviewed by Laszlo Varga. 8

"The bending stresses in cantilever plates by moire fringes" by Laszlo Varga. 8

VARGA, L.

Investigation of the stability of high-speed airplanes. p.244

JARMUVEK MEZOGAZDASAGI GEPEK. (Gepipari Tudományos Egyesület)
Budapest, Hungary
Vol. 5, no.7/8, 1958

Monthly List of East European Accessions (EEAT) LC., V ol. 8, no.7, July 1959
Uncl.

VARGA, Laszlo

Vibration tests on axial compressors and gas turbine blades.
Jarmu mezo gep 5 no.4:113-119 Je '58.

VARGA, László

Periodical article reviewed by the Aircraft Division. Jarmu mezo gep
6 no.4:127 '59.

VARGA, Laszlo

"On the excitation of pure natural modes in aircraft resonance testing" by R.W.Traill-Nash. Reviewed by Laszlo Varga. Jarmu mezo gep 6 no.5:133 '59.

VARGA, Laszlo

Periodical article reviews of the Aircraft Division. Jarmu moze gep
6 no.8:255 1:9.

VARGA, L.

Determination of the stresses of shell structures laden by concentrated force and armed by a stiffener. Periodica polytechn eng 4 no.3:251-265 '60. (EEAI 10:6)

1. Lehrstuhl fur Flugmechanik der Technischen Universitat, Budapest.
(Structural shells) (Strains and stresses)
(Airplanes)

VARGA, Laszlo

Stresses in self-carrying vehicle bodies caused by concentrated forces. Jarmu mezo gep 7 no.8:281-286 '60.

VARGA Laszlo, adjunktus

Recent experiments with muscular strength-driven airplanes.
Jarmu mezo gep 9 no.3:93-88 Mr '62.

1. Budapesti Muszaki Egyetem Repulogepek Tanszoke.

L 19384-63 EWP(q)/EWT(m)/BDS AFFTC/ASD JD/HM

P/0008/63/000/04-/0094/0100

ACCESSION NR: AP3001791

AUTHOR: Varga, Laszlo (senior assistant professor)

56
55

TITLE: Experimental study of blade vibration in flow engines

SOURCE: Technika lotnicza, no. 4-5, 1963, 94-100

TOPIC TAGS: aircraft engine, aircraft engine testing, engine blade vibration, bending frequency in aircraft engine.

ABSTRACT: The paper summarizes the results of studies of blade vibration in aircraft engines conducted at the Aircraft Construction Faculty of the Budapest Polytechnic. Abstractor's note: original language version not given/ under the direction of Prof. Doctor Elemer Racza. Two basic groups of experiments were conducted: vibration tests of blades in state of rest and measurements of blade vibration on engines in operation. In the former case the vibrations were produced by means of electromagnetic exciters. The vibration frequencies and the shape and position of nodal lines were also established. The apparatus and facilities used in the experiments and the methods of setting up various equipment are illustrated in

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ACCESSION NR: AP3001791

Figs. 1,4,5,6,7,8,9,11 and 12. The methods of determining the basic bending frequencies are summarized in Figs. 2,3,10 and 14. Fatigue tests of blades which are due to vibration as well as to aerodynamic and centrifugal stresses were also conducted. These results are shown in Figs. 15 and 16. Orig. art. has: 17 figures.

ASSOCIATION: Budapest Polytechnic

SUBMITTED: 00

DATE ACQ: 21Jun63

ENCL: 00

SUB CODE: AC, PR

NO REF SOV: 001

OTHER: 011

Card 2/2

VARGA, László (Budapest, XI., Muegyetem rakpart 3); SZANOSVOLGYI, Otto, dr.
(Budapest, XI., Muegyetem rakpart 3)

Calculating the life span of tapered roller bearings in the front
wheels of motor vehicles. Periodica polytechn eng 8 no.3:303-323
'64.

1. Lehrstuhl für Maschinenelemente, Technische Universität, Budapest.
Submitted February 6, 1964.

VARGA, L.

HUNGARY/Nuclear Physics - Installations and Instruments. Methods C-2
of Measurement and Research

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 7405

Author : Kalman Gabor, Varga Laszlo

Inst : -

Title : 600 kv Cascade Generator with High Frequency Supply

Orig Pub : Magyar tud. akad. kozl. fiz. kutato int. kozl., 1957, 5,
No 4, 402-413

Abstract : A detailed description is given of the generator and ac-
celerating tube. The frequency of the generator is 230 kcs.
The ion source is also fed at radio frequencies.

Card : 1/1

VARGA, Laszlo, dr.; GAL, Gyula, dr.; CSAKANY, Gyorgy, dr.

X-ray findings on degenerative changes in the sterno-costal joint.
Orv. hetil. 103 no.25:1165-1167 24 Je '62.

1. Orszagos Kardiologiai Intezet, Rontgenosztaly es Fovarosí Istvan
Korhaz, Prosectura.

(RIBS dis)

CSAKANY, Gyorgy, dr.; VARGA, Laszlo, dr.

Radiological manifestations in the calcification of thrombi in the left auricular wall. Orv.hetl. 102 no.34:1603-1604 20 Ag '61.

1. Orszagos Kardiologiai Intezet, Rontgenosztaly.

(CORONARY DISEASE radiog)

WINKEL, K. Zolt, dr.; BECKER, J., dr.; VARGA, L., dr.

Diagnostic use of the technic of isotope-nephrography. *Magy radiol.* 14
no. 1:1-7. Ja '62.

1. Közlemeny a Heidelbergi Egyetem Czerny-Korhazanak Sugar-Klinikajarol
(Igazgato: Prof. Dr. J. Becker)

(KIDNEYS radiog) (RADIOISOTOPES)

HUNGARY/General Problems of Pathology - Tumors

U-4

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 32684

Author : Geher Katalin, Varga Laszlo

Inst : Not Given

Title : Lymphogranulomatosis of the Stomach.

Orig Pub : Magyar radiol., 1957, 9, No 3, 178-181

Abstract : No abstract

Card : 1/1

ROSTAS, Laszlo, okleveles mernok; VARGA, Laszlo, dr., okleveles
mernok, a muszaki tudomanyok kandidatusa, egyetemi adjunktus

Compaction of backfillings. Melyepitestud szemle 14 no. 5:
203-211 My '64.

1. Transportation Construction Enterprise (for Rostas).
2. Chair of Geotechnics, Technical University of Building
and Transportation, Budapest (for Varga).

VARGA, Laszlo, dr., okleveles mernok, a muszaki tudomanyok kandi-
datusa, egyetemi adjunktus

International Conference on Soil Mechanics and Foundation
Engineering, Budapest. Melyepitestud szemle 14. no. 5;
237-240 My '64.

1. Chair of Geotechnics, Technical University of Building
and Transportation, Budapest.

VARGA, LASZLO

19 19

✓ (n,α) and (n,p) nuclear reactions in Na²³ Liszt
 Varga, Magyar Tudományok Akad. Közlem. Fiz. Kém. Oszt. 3, 1956, 1-4
 and Lem. thick Na²³ foil (crossed) was bombarded with
 14.3-m.e.v. neutrons, produced by the reaction T d + He⁴.
 The following reactions occurred: $^{23}\text{Na} + n \rightarrow ^{20}\text{Ne} + \alpha$
 and $^{23}\text{Na} + n \rightarrow ^{22}\text{Ne} + p$. The α particles had energies
 of 4.4 m.e.v. and 4.1 m.e.v. The α particles from ^{20}Ne
 Na²³ + n → Ne²⁰ + α were found to be 4.4 m.e.v. and
 followed a decay curve with a half-life of 1.2 sec. The
 $\sigma(n,p)/\sigma(n,\alpha)$ for the Na²³ nucleus was calcd. from the
 decay curve, and was $2.4 \pm 10\%$. The value calcd. from
 the evapn. theory was 3.1. E. Rona

4
HSJ/P(c)

(FK)

VARGA, Laszlo; SZILAGYI, Laszlo

Calculating heat stresses in chemical apparatus on the place of the contact between the fittings made of different structural materials. Magy kem lap 19 no. 1: 48-52 Ja '64.

1. Budapesti Muszaki Egyetem Vegyipari Gepek Tanszeke.

BALLA, Arpad, dr.; VARGA, Laszlo, dr.

Tear resistance of drawn foundation structures. *Magy ep ipar ll no.6:*
284-288 '62.

VARGA, Laszlo

Automatic beam control by M₂ electronic calculating machine.
Kep hang 7 no.4:119-120 Ag 761.

S/058/52/000/007/017/068
A061/A101

AUTHOR: Varga, Laszlo

TITLE: Pulse shape discrimination

PERIODICAL: Referativnyy zhurnal, Fizika, no. 7, 1962, 12, abstract 7E88
("Magyar tud. akad. Közép. für kutató int. körl.", 1960, v. 8, no. 5 -
6, 293 - 306, IV, X, Hungarian; Russian and English summaries)

TEXT: Methods of pulse separation on the basis of their shape are examined for the purpose of identifying individual particles. On the example of the separation of flashes produced by a proton and a deuteron in a CsI(Tl) crystal, a new simple method is considered.

[Abstracter's note: Complete translation]

Card 1/1

VARGA, Laszlo

Stochastic process in relation to the logarithmic rate meter.
Mat kut kozl MTA 7 Series B no.4:479-485 '62 [publ.'63].

1. Optikai es Finommechanikai Kozponti Kutatolaboratorium.

ALMASY, Ferenc; PEIC, Antal, dr.; VARGA, laszlo

Device for feeding continuously changing quantities of liquid.
Elelm ipar 18 no.8/9:269-271 Ag-S '64.

1. Research Institute of the Fermentation Industry, Budapest.

CSAKANY, Gyorgy, dr.; ALMOS, Sandor, dr.; VARGA, Laszlo, dr.

Significance of the adjustment in the roentgenological examination of systolic expansive pulsation of the hilar vessels. Orv.hetil. 102 no.11:497-500 12 Mr'61.

1. Orszagos Kardiologiai Intezet es a Budapesti Orvosudomanyi Egyetem, IV. sz. Belgyogyaszati Klinika.

(ANGIOGRAPHY)

(LUNGS blood supply)

Varga, M. ; Horvath, I.

Most important experiences related to wage control in construction enterprises.
p. 80.

EPITESUGYI SZEMLE. Budapest, Hungary. No. 3, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

VARGA, M.

Inhibition of the sprouting of potato tubers with salicylic acid during storage. Acta agronom Hung 10 no.3/4:237-243 '60. (EEAI 10:6)

1. Fitofiziologicheskij institut Segedskogo universiteta.
(Potatoes) (Salicylic acid)

VAFCA, M.

"Examination of growth-inhibiting substances separated by paper chromatography in fleshy fruits. II. Identification of the substances of growth-inhibiting zones on the chromatograms. III. Change in concentration of growth-inhibiting substances as a function of ripening. IV. Paper-chromatographic analysis of lemon juice containing germinated seeds." In English. p. 213.

ACTA UNIVERSITATIS SZEGEDIENSIS. PARS BIOLOGICA SCIENTIARUM NATURALIUM.
ACTA BIOLOGICA. Szeged, Hungary, Vol. 3, No. 3/4, 1957.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

VARGA, M., Szalai, I.

Evolution of the mass relation of fiber elements in the wood of the ash tree to various places where it is found. In German. p. 97.
(ACTA BIOLOGICA. Vol. 2, no. 1/4, Dec. 1956, Hungary)

SO: Monthly List of East European Accessions, (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

VARGA, M.

Foreign experiences in regard to the foundation of buildings on shrinking ground.

p. 233 (Melyepitestudományi Szemle, Vol. 7, no. 7/8, July/Aug. 1957, Budapest, Hungary)

Monthly Index of East European Accessions (EEAI) I.C. Vol. 7, no. 2, February 1958

The first part of the report describes the experimental setup and the results of the measurements. The second part discusses the theoretical aspects of the problem and compares the experimental results with the theoretical predictions. The third part concludes the report and discusses the implications of the findings.

The experimental setup consisted of a cylindrical vessel of diameter D and height H , partially filled with a liquid of density ρ . The vessel was rotated about a vertical axis with angular velocity ω . The free surface of the liquid was observed through a transparent window. The height of the liquid surface at the center of the vessel was denoted by h_c and at the periphery by h_p . The difference in height $\Delta h = h_p - h_c$ was measured for various values of ω and D .

The theoretical analysis is based on the assumption of a rigid body rotation of the liquid. The free surface of the liquid is assumed to be a paraboloid of revolution. The height of the liquid surface at a radial distance r from the center is given by

$$h(r) = h_c + \frac{\omega^2 r^2}{2g}$$

where g is the acceleration due to gravity. The difference in height between the center and the periphery is

$$\Delta h = \frac{\omega^2 R^2}{2g}$$

where R is the radius of the vessel. The experimental results show that the difference in height Δh is proportional to the square of the angular velocity ω and the square of the radius R , in agreement with the theoretical prediction.

[Faint, illegible text]

Country : HUNGARY H-27
Category= : Chemical Technology. Chemical Products and Their
Applications--Fermentation industry.
Abstr. Jour. : Referat Zhur--Khim., No 11, 1959. 40371
Author : Varga, M.
Institut. : Not given
Title : The Importance of the Development of Refractometry
to the Alcohol Industry
Orig. Pub. : Eleim Ipar, 12, No 11-12, 555-557 (1958)
Abstract : The author discusses problems connected with the
application of refractometry in the distillation
industry, especially in the automation of produc-
tion.
From author's summary

Card: 1/1

H-126

~~MAR 20 1971~~ VARGAS, M. D.

VARGA, Magdolna, kandidatus

Insectivorous plants. Elet tud 16 no.29:903-906 16 J1 '61.

VARGA, Magdolna, dr., kandidatus

The role of auxins in fruit growing. Elet tud 16 no.31:980-982
30 J1 '61.

VARGA, Magdolna; KOVES, Erzsébet

Effect of phenolic compounds on the activity of indoleacetic acid
oxidase. Acta biol. 13 no.3:273-281 '62.

1. Department of Plant Physiology, Jozsef Attila University, Szeged
(Head: I. Szalai).
(OXIDASES) (PHENOLS) (INDOLACETIC ACID)

VARGA, Magdolna

Growth of rice seedlings under water of different height; a preliminary communication. Botan kozl 50 no.4:167-173 D'63.

1. Jozsef Attila Tudományegyetem Növénytan Intézete, Szeged.

VARGA, Magdolna; ZSOLDOS, F.

The effect of nitrogen supply on the indoleacetic acid oxidase activity of the roots of rice plants. Acta bot Hung 9 no.1/2: 171-176 '63.

1. Institute for Plant Physiology, University of Szeged.

VARGA, Magdolna

Gibberellin sensitivity tests on Hungarian lettuce species.
Botan kozl 51 no.2/3:127-134 Ag '64.

1. Institute of Plant Physiology, Attila Jozsef University,
Szeged.

VARGA, Magdolna; BALINT, Iren

The effect of gibberellin on the growth, indoleacetic acid content and on the activity of indoleacetic acid oxidase in rice seedlings. Acta biol. acad. sci. Hung. 16 no.3:243-253 '66.

1. Institute of Plant Physiology, Jozsef Attila University, Szeged (Head: I. Szalai). Submitted April 2, 1965.

VARGA, Magdolna, foldmernoernok-hallgato

Experiences of a Zeiss-Dahlta tachymeter completed with a drawing board. Geod kart 14 no.5:360-363 '62.

VARGA, Magdolna

Regular sources of error of automatic leveling instruments.
Geod kart 15 no.5:334-339 '63.

VARGA, Magdolna

New electromagnetic telemeter. Good kart 15 no.5:380 '63.

DETREKOI, Akos; VARGA, Magdolna

Three new Kern instruments. Geod kart 15 no.6:460-483 '63.

VARGA, Magdolna

Front compensator for leveling instruments. Geod kart 16
no.5:380-381 '64.

VARGA, Margit

Optic neuritis in childhood. Szemeszet 95 no.3:108-112 Sept 58.

1. Budapesti Orvostudományi Egyetem I. sz. Szemklinikájának (Igazgató:
Radnot Magda egyetemi tanár, az orvostudományok doktora) közleménye.

(NERVES, OPTIC, dis.

neuritis in child. (Hun))

(NEURITIS, in inf. & child

optic nerve (Hun))

RADNOT, Magda; VARGA, Margit

Some problems in cataract extraction with the aid of alpha-chymotrypsin. Szemeszet 96 no.4:149-152 D '59.

1. A budapesti Orvostudományi Egyetem I. Szemklinikája (Igazgató: Radnot Magda egyetemi tanár, az orvostudományok doktora).
(CATARACT EXTRACTION)
(CHYMOTRYPSINS ther)

RADNOT, Magda, dr.; VARGA, Margit, dr.

Significance of ocular injuries in childhood. *Gyermekgyógyászat*
11 no.10:289-291 O '60.

1. A Budapesti Orvostudományi Egyetem I. Szemklinikájának (Igazgató:
Dr. Radnot Magda egyetemi tanár) közleménye.
(EYE wds & inj)

VARGA, Margit

2 cases of Kurz syndrome. Szemeszet 99 no.4:243-247 D '62.

1. Budapesti Orvostudományi Egyetem I. sz. Szemklinika (Igazgató:
Radnot Magda egyetemi ny. r. tanár) közleménye.
(BLINDNESS) (HYPEROPIA) (MENTAL DEFICIENCY) (RH FACTORS)

VARGA, Margit

The incidence of eye diseases of syphilitic origin. Szemeszet
100 no.3:140-144 S '63.

1. A Budapesti Orvostudományi Egyetem I Szemklinikájának
(igazgató: Radnoti Magda dr., egyet. tanár) közleménye.
(SYPHILIS) (EYE MANIFESTATIONS) (CATARACT)
(IRITIS) (KERATITIS) (CHORIORETINITIS)

VARGA, Margit

A case of progressive essential atrophy of the iris. Szeme-
sztet 101 no.2:96-101 Je'64

1. A Budapesti Orvostudományi Egyetem I. sz. Szemklinikájának
(Igazgató: Radnot, Magda, egyetemi tanár, az orvostudományok
doktora) közleménye.

GAROS, Gyorgy; VARGA, Marton

Foundation problems of land developments with scattered buildings.
Magyar ep ipar 11 no.3:117-121 '62.

VARGA, Marton

Remark about the article "The situation in the field of civil engineering and public works research" by Laszlo Egyedi, Tamas Litvai, and Sandor Kantor. Epites szemle 6 no.6'193-194 '62.

VARGA, Marton; REMENYI, Peter

Questions of solid mechanics, engineering geology and production organization in the construction industry. Epites szemle 7 no.6:183-186 '63.

1. Epitesugyi Miniszterium Foldmero es Talajvizsgalo Vallalat osztalyvezetoje (for Varga)
2. Epitesugyi Miniszterium Foldmero es Talajvizsgalo Vallalat csoportvezetoje (for Remenyi).

REMENYI, Peter; VARGA, Marton

Cost analysis of dwelling house foundations. Magyar ipar 14
no.2:65-74 '65.

VARGA, Mihaly, mernok; RACZ, Otto, mernok

Three-bandwave transistor portable radio. Hir techn 13
no.5:191-192 0 '62.

VARGA, Mihaly

The "Terta 1042" portable radio. Radiotechnika 12 no.4:98-101
Ap '62.

VARGA, Mihaly; SZANTO, Attila

TERTA 1051 type transistor ultrashort wave portable radio sets. Radiotechnika 15 no.1:8-10 Ja '65.

VARGA, Mihaly

TERTA transistor radio sets. Radiotechnika 15 no.6:204-207
Je '65.

VARGA, Mihaly (Budapest)

Danube water instead of drinking water. Ujit lap 12 no.12:30 25 Je
'60.

HEGYI, Antal, okleveles konyvvizsgalo; VARGA, Mihaly, okleveles
banyamernok

Introducing the workplace prime cost calculation in the
No. III Colliery of the Oroszlany Coal Mining Enterprise.
Bany lap 97 no.4:288-293 Ap '64.

1. Oroszlany Coal Mining Enterprise, Oroszlany.

VARGA, Mihaly; VINCZE, Mihaly

The construction and utilization of total production time demands in the brick and tile industry. Epites szemle 7 no.5:154-162 '63.

1. Epitesugyi Miniszterium Munkaugyi Fooszyalyanak csoport-vezetoje (for Varga). 2. Epitesugyi Miniszterium Pestmegyei Teglagyari ES csoport-vezetoje (for Vincze).

VARGA, Mihaly; SZALAI, Sandor

Premium system in the construction industry. Munka szemle 8
no. 3:1-3 Mr '64.

VARGA, Miklos, vegyeszmernok

Alcohol evaporation and its prevention. Pt.2. Ujit lap 12 no.16:
18-19 25 Ag '60.

1. Szekszardi Labororium.

VARGA, Miklos, vegyeszmernok

Alcohol evaporation and its prevention. Pt. 1. Ujit lap 12 no.15:
20 10 Ag '60.

1. Szekszardi Laboratorium.

BARTFAY, Jozsef; VARGA, Miklos

Quick determination of fermentation citric acid. Magy kem lap 17
no.9:430-432 S '62.

1. Erjedesipari Kutato Intezet.

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CIA-RDP86-00513R001858620003-8"

VARGA, M. Ye

Varga, M. Ye

"Rhythmic-Inotropic Relations in Vagus Inhibition of the Heart."
Moscow Order of Lenin and Order of Labor Red Banner State U imeni
M. V. Lomonosov. Soil Biology Faculty. Moscow, 1955.
(Dissertation for the degree of Candidate in Biological Sciences)

SO: Knizhnaya letopis' No. 27, 2 July 1955

VARGA, M. Ye.

EXCERPTA MEDICA Sec.2 Vol.9/7 Physiology July 56

3101. VARGA M. E. *Relation of intensities in the establishment of reciprocal conditioned reflexes Z. VYŠC. NERV. DEJATEL. 1955, 5/5 (723-731) Graphs 5 (Russian text)

Food was given to dogs after a painful electrical stimulation of the paw (for 2 sec.). In another series of experiments, food was given before electrical stimulation of the paw. Reciprocal conditioned reactions in both directions can be established if both conditioned (preceding) stimuli produce, in the cerebral cortex, foci of approximately comparable strength. Otherwise only unidirectional conditioned reflexes appear.

Szabuniewicz - Gdańsk

Physiology Lab, A.S. USSR

VARGA, M.Ye.

Physiological significance of the antecedence of a signal stimulus
in conditioned reflex activity. [with summary in English]. Zhur.
vys. nerv. deiat. 8 no.5:710-716 S-0 '58 (MIRA 12:1)

1. Fiziologicheskaya laboratoriya AN SSSR.
(REFLEX, CONDITIONED
eff. of antecedent signaling stimulus (Rus))

"Der Zusammenhang Der ATP- und ACh- Empfindlichkeit Von Skelettmuskeln Mit Der Enzymaktivitat Des Myosins."

report submitted for the 21st International Congress of Physiological Sciences, Buenos Aires, 9-15 Aug 1959.

VARGA, M.Ye.; PRESSMAN, Ya.M.

Role of the order of application and force of combined stimuli
in closing conditioned connections. Zhur.vys.nerv.deiat. 12
no.1:110-117 Ja-F '62. (MIRA 15:12)

1. Physiological Laboratory, U.S.S.R. Academy of Sciences, Moscow.
(CONDITIONED RESPONSE)

VARGA, Nandor; SZEMANN, Bela

Images of Gyongyos. Magy kisiparos 6 no.3:5 F '62.

VARGA, NANDOR

Safety patrol in the artisan's workshop. Magy kisipar 6 no.4:1 22 F
'62.

VAKKA, Nandor

Craftsmen in a new residential section. Magy kisipar 6 no.5:6 8 Mr
'62.

VARGA, Nandor

In the workshops of Aszod. Magy kisipar 6 no.6:7 Kr '62

VARGA, Mandor

The value of pledges made by artisans. Magy kisipar 6 no.19:3 20 3
'62.

SZEMANN, Bela; VARGA, Nandor

In the capital of Hograd County. Magy kisipar 6 nc.25:4 13 D '62.

VARGA, Nandor

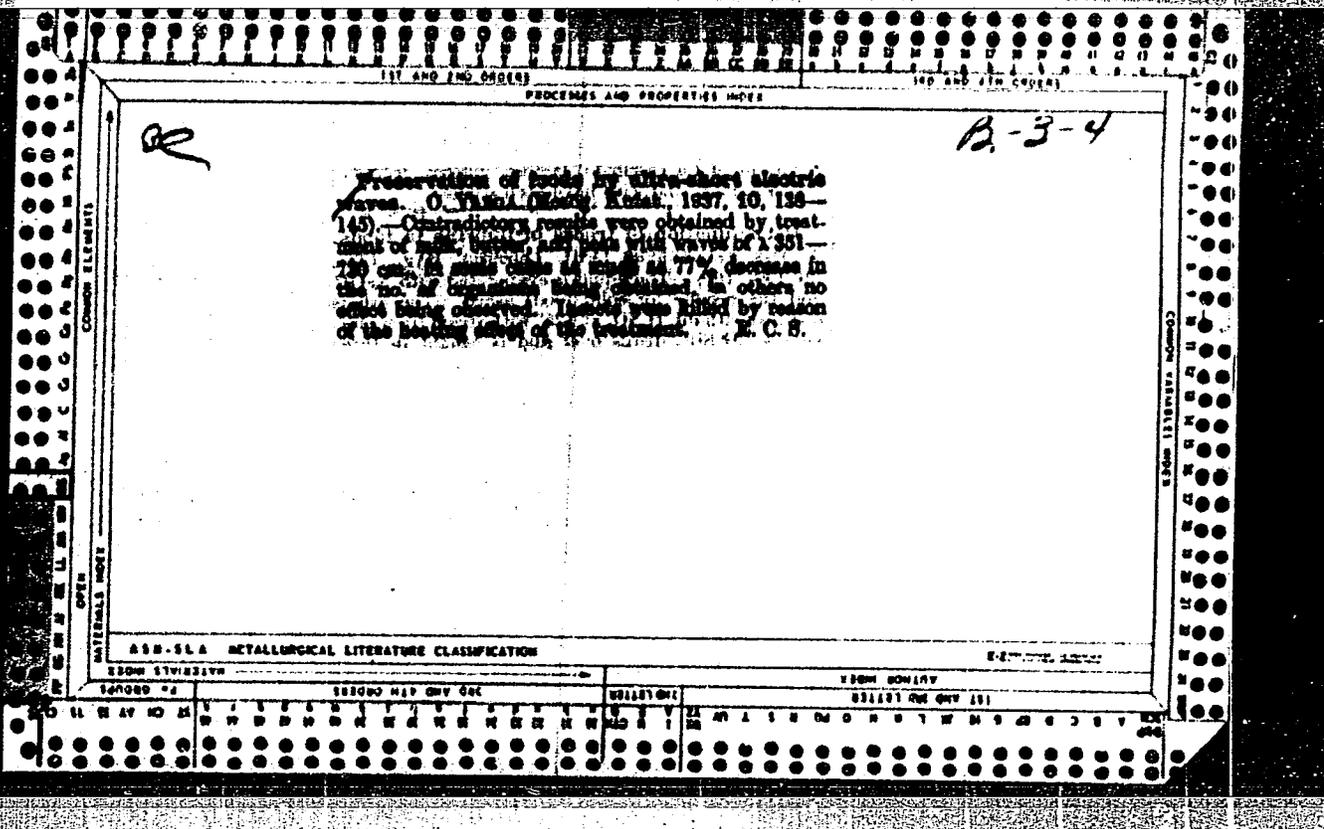
Among electrical engineers in Pecs. Magy Kisipar 7 no.6:3
21 Mr '63.

COUNTRY : HUNGARY
CATEGORY : Plant Physiology. Growth and Development. I
ABS. JOUR. : RZhBiol., No. 3 1959, No. 10626
AUTHOR : Varga, N. B., Ferenczy, L.
INST. : Hungarian Academy of Sciences
TITLE : Quantitative Changes in Growth-Promoting and Growth-Inhibiting Substances in Rindite-Treated and Untreated Potato Tubers.
ORIG. PUB. : Acta bot. Acad. sci. hung., 1957, 3, No. 1-2, 111-121
ABSTRACT : Tubers of Renny Zheltyy potato were planted on 31 March 1955 and picked on the 11 July. Tubers treated with rindite (a mixture of ethylene chlorohydrin, ethylene dichloride and carbon tetrachloride in the ratio of 7:3:1) in the concentration of 0.8 milligrams/kg. started to grow in 5 days; the control - after 4 weeks. The following growth substances were found in the rindite-treated and untreated tubers: auxin, indolyl-3-acetonitrile and stimulant X (R_f 0.1), and also an inhibitor of unknown

END: 1/2

COUNTRY :
CATEGORY : I
ABS. JOUR. : RZhBiol., No. 1959, No. 10626
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : nature with R₀ 0.65. With the rindite treatment of fresh potato tubers, a quickened disappearance of the inhibitor during the period of rest was observed within 5 days (instead of 30), and an increase in the content of auxin in the skin. It is supposed that auxin is formed from indolyl-3-acetonitrile, and possibly from indolyl-3-pyrroacemic acid. Bibliography of 33 titles. -- A. Ye. Petrov-Spiridonov

CARD: 2/2



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Varna

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VARGA, OTTO

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